

EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2	((("5823416") or ("4588185"))).PN.	US-PGPUB; USPAT	OR	OFF	2011/06/19 17:15
L2	3	korenaga-tetuo.in. nagadome-ryuji.in.	US-PGPUB; USPAT	OR	ON	2011/06/19 18:01
L3	1	korenaga-tetuo.in. nagadome-ryuji.in.	EPO; JPO; DERWENT	OR	ON	2011/06/19 18:01
L5	10	plasma.clm. and electrode.clm. and (guid\$4 position\$4).clm. and (adjust\$7 chang\$7 customiz \$5 custom\$4 fit\$4).clm. and (spac\$4 interval distanc\$4).clm. and (hole orifice recess).clm. and (width wide dimension siz\$3).clm. and (substrate with support\$4).clm.	US-PGPUB; USPAT	OR	ON	2011/06/19 18:05
L6	13	plasma.clm. and electrode.clm. and (guid\$4 position\$4).clm. and (adjust\$7 chang\$7 customiz \$5 custom\$4 fit\$4).clm. and (spac\$4 interval distanc\$4).clm. and (hole orifice recess).clm. and (width wide dimension siz\$3).clm. and (substrate).clm. and (support\$4).clm.	US-PGPUB; USPAT	OR	ON	2011/06/19 18:05
S7	1	10/593,385	US-PGPUB; USPAT	OR	ON	2009/10/27 18:36
S8	2	"2001358122"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/10/27 18:45
S9	13	"5823416"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/10/28 11:22
S10	3	((("5823416") or ("6093904") or ("5443689") or ("5823416"))).PN.	US-PGPUB; USPAT	OR	OFF	2009/10/28 11:22
S11	4	("4227983" "4693211" "5773088" "5879519").PN.	US-PGPUB; USPAT	OR	ON	2009/10/28 11:30
S12	246	matsushita.as. and plasma and substrate and electrostatic\$4	US-PGPUB; USPAT	OR	ON	2009/10/28 11:32
S13	4	matsushita.as. and plasma and substrate and electrostatic\$4 and attitude	US-PGPUB; USPAT	OR	ON	2009/10/28 11:33
S14	0	matsushita.as. and awai and furukawa	US-PGPUB; USPAT	OR	ON	2009/10/28 11:33
S15	1	matsushita.as. and iwai and furukawa	US-PGPUB; USPAT	OR	ON	2009/10/28 11:33
S16	6	("5823416" "5951772" "5972163" "6093904" "6239036" "6313583").PN. OR ("6551444").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/28 11:34
S17	966	118/719.ccls. and plasma	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/28 11:53
S18	101	118/719.ccls. and plasma and bueker	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/28 11:53
S19	10	(156/345.31-345.32).ccls. and plasma and bueker	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/29 11:05
S20	37	(156/345.31-345.32,118/719,118/718).ccls. and plasma and moore and karla	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/29 11:06

S21	10	(156/345.31-345.32,118/719,118/718).ccls. and plasma and nordson	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/29 11:08
S22	64	("3294670" "3641973" "4208159" "4252595" "4278528" "4318767" "4336438" "4405435" "4418639" "4483651" "4550239" "4550242" "4575299" "4584045" "4637853" "4705444" "4770121" "4816116" "4816638" "4840702" "4889609" "5030056" "5044871" "5079031" "5086729" "5110249" "5116640" "5147067" "5216223" "5259942" "5286296" "5288684" "5292393" "5302077" "5303671" "5310410" "5314298" "5345056" "5387265" "5433371" "5480052" "5492265" "5515986" "5518599" "5542559" "5573597" "5576629" "5587205" "5609290" "5634765" "5647942" "5707485" "5767008" "5779807" "5823416" "5958510" "5972163" "6093904" "6217272" "6331347" "6609877" "6682288").PN. OR ("6841033"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/29 11:08
S23	9	("4895244" "5495661").PN. OR ("5634765"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/29 11:38
S24	1	10/593,385 and holding	US-PGPUB; USPAT	OR	ON	2009/10/29 12:45
S25	2	"7455735"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/10/29 14:18
S26	29	("20020197757" "20020170877" "20030196760" "20040159343" "20040211516" "20050039853" "20050269031" "5075530" "5149967" "5895549" "5075530" "6245189" "6709522" "6808592" "6841033" "6852169").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/10/29 14:20
S27	15	("20020197757" "20020170877" "20030196760" "20040159343" "20040211516" "20050039853" "20050269031" "5075530" "5149967" "5895549" "5075530" "6245189" "6709522" "6808592" "6841033" "6852169").PN.	US-PGPUB; USPAT	OR	ON	2009/10/29 14:20
S28	1	(156/345.31-345.32,118/719,118/718).ccls. and plasma and ((adjust\$4 custom\$4 customiz\$4 chang\$4) with (spac\$4 interval\$4 distance) with (hole orifice))	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/29 14:30
S29	1	(156/345.31-345.32,118/719,118/718).ccls. and plasma and ((adjust\$4 custom\$4 customiz\$4 chang\$4) with (spac\$4 interval\$4 distance) with (hole orifice))	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/29 14:30
S30	1	(156/345.31-345.32,118/719,118/718).ccls. and ((adjust\$4 custom\$4 customiz\$4 chang\$4) with (spac\$4 interval\$4 distance) with (hole orifice))	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/29 14:31
S31	0	(156/345.31-345.32,118/719,118/718,404/298. \$).ccls. and ((adjust\$4 custom\$4 customiz\$4 chang\$4) with (spac\$4 interval\$4 distance) with (hole orifice))	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/29 14:31

S32	0	(156/345.31-345.32,118/719,118/718,204/298. \$).ccls. and ((adjust\$4 custom\$4 customiz\$4 chang\$4) with (spac\$4 interval\$4 distance) with (hole orifice))	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/29 14:31
S33	0	(156/345.31-345.32,118/719,118/718,204/298. \$).ccls. and ((adjust\$4 custom\$4 customiz\$4 chang\$4) with (spac\$4 interval\$4 distance))	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/29 14:34
S34	1311	(156/345.31-345.32.ccls. 118/718-719.ccls. 204/298.\$ccls.) and ((adjust\$4 custom\$4 customiz\$4 chang\$4) with (spac\$4 interval\$4 distance))	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/29 14:35
S35	31	(156/345.31-345.32.ccls. 118/718-719.ccls. 204/298.\$ccls.) and ((adjust\$4 custom\$4 customiz\$4 chang\$4) with (spac\$4 interval\$4 distance) with (hole orifice))	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/29 14:35
S36	29	(US-20080251208-\$ or US-20050039853-\$ or US-20070068455-\$ or US-20030196760-\$ or US- 20040211516-\$ or US-20070175588-\$).did. or (US-4693211-\$ or US-6551444-\$ or US- 4681773-\$ or US-6808592-\$ or US-6841033-\$ or US-7201823-\$ or US-4278528-\$ or US- 4405435-\$ or US-4483651-\$ or US-5302077-\$ or US-5634765-\$ or US-4895244-\$ or US- 5495661-\$ or US-6972071-\$ or US-5823416-\$ or US-6217272-\$ or US-6682288-\$ or US- 7455735-\$ or US-5149967-\$ or US-6245189-\$). did. or (JP-2001358122-\$).did. or (JP- 2001358122-\$ or US-20070068455-\$).did.	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2009/10/29 14:42
S37	1	(S36) and ((adjust\$4 custom\$4 customiz\$4 chang\$4) with (spac\$4 interval\$4 distance) with (hole orifice))	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/29 14:42
S38	11	(S36) and ((adjust\$4 custom\$4 customiz\$4 chang\$4) with (spac\$4 interval\$4 distance))	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/29 14:42
S39	15	("20020170877" "20020197757" "20030196760" "20040159343" "20040211516" "20050039853" "20050269031" "5075530" "5149967" "5895549" "6245189" "6709522" "6808592" "6841033" "6852169").PN. OR ("7455735").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/29 14:49
S40	30	(US-20080251208-\$ or US-20050039853-\$ or US-20070068455-\$ or US-20030196760-\$ or US- 20040211516-\$ or US-20070175588-\$ or US- 20050269031-\$).did. or (US-4693211-\$ or US- 6551444-\$ or US-4681773-\$ or US-6808592-\$ or US-6841033-\$ or US-7201823-\$ or US- 4278528-\$ or US-4405435-\$ or US-4483651-\$ or US-5302077-\$ or US-5634765-\$ or US- 4895244-\$ or US-5495661-\$ or US-6972071-\$ or US-5823416-\$ or US-6217272-\$ or US- 6682288-\$ or US-7455735-\$ or US-5149967-\$ or US-6245189-\$).did. or (JP-2001358122-\$). did. or (JP-2001358122-\$ or US-20070068455- \$).did.	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2009/11/03 13:04
S41	12	S40 and ceramic	US-PGPUB; USPAT	OR	ON	2009/11/03 13:04
S42	5	"10223725"	EPO; JPO; DERWENT	OR	ON	2009/11/03 13:14
S43	1	("5972163").PN.	US-PGPUB; USPAT	OR	OFF	2009/11/03 13:15
S44	10	S40 and (quartz (aluminum with oxide) alumina "al2.sub.o.sub.3")	US-PGPUB; USPAT	OR	ON	2009/11/03 13:24

S45	0	118/719.ccls. and ((electrode cathode anode) with (quartz (aluminum with oxide) alumina "al2.sub.o.sub.3") with abnormal with discharg\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/03 13:27
S46	58	118/719.ccls. and ((electrode cathode anode) with (quartz (aluminum with oxide) alumina "al2.sub.o.sub.3"))	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/03 13:27
S47	6835	((electrode cathode anode) with (quartz ceramic (aluminum with oxide) alumina "al2.sub.o.sub.3") with (coat\$4 cover\$4))	EPO; JPO; DERWENT	OR	ON	2009/11/04 09:35
S48	440	((electrode cathode anode) with (quartz ceramic (aluminum with oxide) alumina "al2.sub.o.sub.3") with (coat\$4 cover\$4) with discharg\$4)	EPO; JPO; DERWENT	OR	ON	2009/11/04 09:36
S49	4	((electrode cathode anode) with (quartz ceramic (aluminum with oxide) alumina "al2.sub.o.sub.3") with (coat\$4 cover\$4) with discharg\$4 with abnormal\$4)	EPO; JPO; DERWENT	OR	ON	2009/11/04 09:36
S50	4	((electrode cathode anode) with (quartz ceramic (aluminum with oxide) alumina "al2.sub.o.sub.3") with (coat\$4 cover\$4) with discharg\$4 with abnormal\$4)	EPO; JPO; DERWENT	OR	ON	2009/11/04 12:18
S51	15	("20020170877" "20020197757" "20030196760" "20040159343" "20040211516" "20050039853" "20050269031" "5075530" "5149967" "5895549" "6245189" "6709522" "6808592" "6841033" "6852169").PN. OR ("7455735").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/04 14:36
S52	1	"06003928"	JPO; DERWENT	OR	ON	2009/11/04 14:40
S53	1	"06003928"	EPO; JPO; DERWENT	OR	ON	2009/11/04 14:40
S54	1	"06003928"	EPO; JPO; DERWENT	OR	ON	2009/11/04 14:41
S55	1	"6003928"	EPO; JPO; DERWENT	OR	ON	2009/11/04 14:41
S56	9	"63928"	EPO; JPO; DERWENT	OR	ON	2009/11/04 14:41
S57	39	"063928"	EPO; JPO; DERWENT	OR	ON	2009/11/04 14:44
S58	1	"06300928"	EPO; JPO; DERWENT	OR	ON	2009/11/04 14:47
S59	1	"06003928"	EPO; JPO; DERWENT	OR	ON	2009/11/04 14:47
S60	1	"06030928"	EPO; JPO; DERWENT	OR	ON	2009/11/04 14:47
S61	1	"06003928"	EPO; JPO; DERWENT	OR	ON	2009/11/04 14:54
S62	77	(substrate) and (guid\$4) and (adjust\$7 chang\$7 customiz\$5 custom\$4) and (spac\$4 interval distance) and (hole orifice)	EPO; JPO; DERWENT	OR	ON	2009/11/04 15:52
S63	7	(substrate) and (guid\$4) and (adjust\$7 chang\$7 customiz\$5 custom\$4) and (spac\$4 interval distance) and (hole orifice) and (width wide dimension)	EPO; JPO; DERWENT	OR	ON	2009/11/04 15:52
S64	2	(plasma) and (guid\$4) and (adjust\$7 chang\$7 customiz\$5 custom\$4) and (spac\$4 interval distance) and (hole orifice) and (width wide dimension)	EPO; JPO; DERWENT	OR	ON	2009/11/04 15:54

S65	507	(guid\$4) and (adjust\$7 chang\$7 customiz\$5 custom\$4) and (spac\$4 interval distance) and (hole orifice) and (width wide dimension)	EPO; JPO; DERWENT	OR	ON	2009/11/04 15:54
S66	586	(guid\$4) and (adjust\$7 chang\$7 customiz\$5 custom\$4) and (spac\$4 interval distance) and (hole orifice recess) and (width wide dimension)	EPO; JPO; DERWENT	OR	ON	2009/11/04 15:54
S67	667	(guid\$4) and (adjust\$7 chang\$7 customiz\$5 custom\$4) and (spac\$4 interval distance) and (hole orifice recess) and (width wide dimension siz)	EPO; JPO; DERWENT	OR	ON	2009/11/04 15:55
S68	1005	(guid\$4) and (adjust\$7 chang\$7 customiz\$5 custom\$4) and (spac\$4 interval distance) and (hole orifice recess) and (width wide dimension siz\$3)	EPO; JPO; DERWENT	OR	ON	2009/11/04 15:55
S69	38301	c23c016\$.ipc. c23f001\$.ipc. ho11021\$.ipc.	EPO; JPO; DERWENT	OR	ON	2009/11/04 15:56
S70	1	S68 and S69	EPO; JPO; DERWENT	OR	ON	2009/11/04 15:56
S71	1663	(guid\$4 convey\$4 transport\$4 carry\$4) and (adjust\$7 chang\$7 customiz\$5 custom\$4) and (spac\$4 interval distance) and (hole orifice recess) and (width wide dimension siz\$3)	EPO; JPO; DERWENT	OR	ON	2009/11/04 15:57
S72	3	S71 and S69	EPO; JPO; DERWENT	OR	ON	2009/11/04 15:57
S73	8130	(adjust\$7 chang\$7 customiz\$5 custom\$4) and (spac\$4 interval distance) and (hole orifice recess) and (width wide dimension siz\$3)	EPO; JPO; DERWENT	OR	ON	2009/11/04 15:58
S74	8	S73 and S69	EPO; JPO; DERWENT	OR	ON	2009/11/04 15:58
S75	24476	"414"/\$.ccls. (adjust\$7 chang\$7 customiz\$5 custom\$4) and (spac\$4 interval distance) and (hole orifice recess) and (width wide dimension siz\$3)	EPO; JPO; DERWENT	OR	ON	2009/11/04 16:01
S76	11	"414"/\$.ccls. and (adjust\$7 chang\$7 customiz\$5 custom\$4) and (spac\$4 interval distance) and (hole orifice recess) and (width wide dimension siz\$3)	EPO; JPO; DERWENT	OR	ON	2009/11/04 16:01
S77	374	"414"/\$.ccls. and ((adjust\$7 chang\$7 customiz\$5 custom\$4) same (spac\$4 interval distance) same (hole orifice recess) same (width wide dimension siz\$3))	US-PGPUB; USPAT	OR	ON	2009/11/04 16:17
S78	27	("2847109" "2883074" "2928559" "2949179" "3027020" "3142389" "3346128" "3420385" "3442401").PN. OR ("3570685").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/04 16:26
S79	2	11/335,589	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/04 17:19
S80	1	11/665,589	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/04 17:19
S81	0	11/665,589 and (plasma etch\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/04 17:20
S82	1	11/665,589 and (plasma etch\$4 electrode clean \$3 gas vapor sputter\$4 "pvd" strip\$4 ash\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/04 17:20
S83	12	("1558389" "1715611" "3951271" "4370086" "4392775").PN. OR ("4588185").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/04 17:46

S84	16	("3731823" "3734567" "4355940" "4618295" "4630975" "5037245" "5584614" "6183186" "6241427" "6676365" "6808358" "6907755").PN. OR ("7108474").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/04 19:45
S85	4	korenaga-tetsuo.in. nagadome-ryuji.in.	US-PGPUB; USPAT	OR	ON	2009/11/04 20:42
S87	2	((("5823416") or ("4588185"))).PN.	US-PGPUB; USPAT	OR	OFF	2010/05/19 08:48
S88	2	"2000212777"	EPO; JPO; DERWENT	OR	ON	2010/05/19 08:49

EAST Search History (I nterference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L7	7	plasma.clm. and electrode.clm. and (guid\$4 position\$4).clm. and (adjust\$7 chang\$7 customiz\$5 custom\$4 fit\$4).clm. and (spac\$4 interval distanc\$4).clm. and (hole orifice recess).clm. and (width wide dimension siz\$3).clm. and (substrate).clm. and (support\$4).clm.	USPAT; UPAD	OR	ON	2011/06/19 18:07
S86	2	korenaga-tetsuo.in. nagadome-ryuji.in.	USPAT; UPAD	OR	ON	2009/11/04 20:44

6/19/11 6:08:15 PM

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